

## Features

- IEC/EN/UL 62368-1 3<sup>rd</sup> edition
- 100-240VAC Universal Input
- Regulated Output With Low Ripple Noise
- ErP Stage 2, DoE Level VI
- No Load Power Consumption < 0.1 W
- Regulated Output with Low Ripple Noise
- 1 Year Warranty



## Marks / Approvals



P: C14 Inlet (Protection Class I)  
G: C6 Inlet (Protection Class I)

## Specifications

	MODEL	Voltage	Min. Load	Max. Load	Max. Power
	ATS 160A1-□120	12 V	0.0 A	12.5 A	150 W
	ATS 160A1-□150	15 V	0.0 A	10.0 A	150 W
	ATS 160A1-□190	19 V	0.0 A	8.40 A	160 W
	ATS 160A1-□240	24 V	0.0 A	6.60 A	160 W
	ATS 160A1-□480	48 V	0.0 A	3.30 A	160 W
	ATS 160A1-□560	56 V	0.0 A	2.86 A	160 W
INPUT	<b>Voltage</b>	AC 100 V – 240 V			
	<b>Frequency</b>	50 Hz - 60 Hz			
	<b>Current</b>	2.20 A max.			
	<b>Protection</b>	Internal Primary Current Fuse, Inrush Limiting			
OUTPUT	<b>Load Regulation</b>	± 5 % (typical)			
	<b>Ripple &amp; Noise</b>	2 % V p-p max. for output voltage at full load			
	<b>Transient Response</b>	0.5 ms for 50 % load change typical			
	<b>Leakage Current</b>	Protection Class I: 3.5 mA max.			
	<b>Protection</b>	Short circuit Protection ▪ Over Voltage Protection ▪ Over Current Protection			
OTHERS	<b>Cooling</b>	Convection			
	<b>Efficiency</b>	DoE Level VI ▪ ErP Stage 2			
	<b>Holdup Time</b>	10 ms at full load			
	<b>Dielectric Withstand</b>	AC 3000 V Primary – Secondary			
	<b>MTBF</b>	300,000 calculated hours at 25 °C by Telcordia SR-332			
ENVIRONMENT	<b>Temperature</b>	Operating: -20 °C – 40 °C / Storage: -20 °C – 80 °C			
	<b>Humidity</b>	Operating: 20 % RH – 80 % RH / Storage: 10 % RH – 90 % RH			
EMI Conduction & Radiation	Compliance to EN 55032 Class B				
Harmonic Current	Compliance to EN 61000-3-2, EN 61000-3-3				
EMS Immunity	Compliance to EN 55035				
Safety	IEC / EN / UL 62368-1 ▪ PSE ▪ BSMI				
Case Dimensions	164.5 mm × 66 mm × 34.8 mm				
Weight	500 g				

**Cable Type : Black UL11352 14AWG  
( Wire + Plug )**

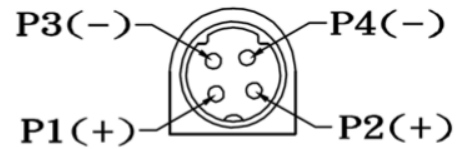
**Plug : 4PIN DIN**

**Cable Length : 1200mm**

**Case Dimension : 164.5mm(L)\*66mm(W)\*34.8mm(H) ±1mm**

**Material Flammability : UL 94V-0**

**External Appearance : As drawing below ( Scale → mm )**



**Output Cable Plug Pin Assignment**

